

ABSTRACT OF THE DISCLOSURE

A method and an apparatus for measuring the heart rate variability (HRV) are described. A recording of the heart sounds is processed and analyzed with a computing system to obtain various components that characterize the heart rate variability. Since
5 changes of HRV are derived from the sound signals of a heart, which is readily collectable with a microphone or a listening instrument used in auscultation and is readily accessible to patients, a rapid diagnosis and transfer of information are provided. Potential consequences are curtailed and the survivability of patents is thereby enhanced.